

CLAIM

I claim:

1. A method of recognizing shapes from a scribble, the method comprising the steps of:
 - 5 a. identifying one or more important points in a scribble;
 - b. determining whether said scribble resembles a closed figure;
 - c. determining whether said scribble resembles a figure with more straight sides than curved sides;
 - d. recognizing said scribble as a line segment if said scribble has exactly two important points;
 - 10 e. recognizing said scribble as a straight curve if said scribble has more than two important points and said scribble has more straight sides than curved sides and said scribble is not a closed figure;
 - f. recognizing said scribble as a spline if said scribble has more than two important points and said scribble does not have more straight sides than curved sides and said scribble is not a closed figure;
 - 15 g. recognizing said scribble as a closed plane figure if said scribble has more than two important points and said scribble has more straight sides than curved sides and said scribble is a closed figure;
 - h. recognizing said scribble as a closed spline if said scribble has more than two important points and said scribble does not have more straight sides than curved sides and said scribble is a closed figure.